



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Gp # 2151  
~~#PA~~  
PATENT

Atty. Dkt. No.:	5681-03200
Client Ref. No.:	P5732
Inventor(s):	Jones & King
Serial No.:	09/939,117
Filing Date:	August 24, 2001
Examiner:	Unknown
Group Art Unit:	2151
Title:	SERVICE PROCESSOR AND SYSTEM AND METHOD USING A SERVICE PROCESSOR

**CERTIFICATE OF FIRST CLASS MAIL**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date indicated below.

**B. Noël Kivlin**  
Name of Registered Representative

Date

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**Signature**

## **POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS**

**RECEIVED**

FEB 04 2002

Commissioner for Patents  
Washington, D.C. 20231

Technology Center 2100

Dear Sir/Madam:

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen	Reg. No. 26,493
Timothy J. Crean	Reg. No. 37,116
Alexander E. Silverman	Reg. No. 37,940
Anirma R. Gupta	Reg. No. 38,275
Sean P. Lewis	Reg. No. 42,798
Michael J. Schallop	Reg. No. 44,319
Noreen A. Krall	Reg. No. 39,734
Bernice B. Chen	Reg. No. 42,403
Richard J. Lutton, Jr.	Reg. No. 39,756
Marc D. Foodman	Reg. No. 34,110
Monica D. Lee	Reg. No. 40,696
Pavel Pogodin	Reg. No. P48,205
Naren Chaganti	Reg. No. 44,602
Elaine K. Lee	Reg. No. 41,936
Hugh H. Matsabayashi	Reg. No. 43,779

Paul D. Sorkin	Reg. No. 39,039
Marilyn E. Glaubensklee	Reg. No. 35,521
Ramin Aghevli	Reg. No. 43,462
Andrew C. Chen	Reg. No. 43,544
Jeffrey L. Myers	Reg. No. 44,252

*each of said attorneys being employed by Sun Microsystems; and*

Mark Brightwell	Reg. No. 47,446
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
Theresa A. Moorman	Reg. No. 46,941
David W. Quimby	Reg. No. 39,338
Rory D. Rankin	Reg. No. 47,884
David A. Rose	Reg. No. 26,223
Doug Shamah	Reg. No. 45,093
Brenna Brock	Reg. No. 48,509
Mollie E. Hamel	Reg. No. 48,405
Mark Lupkowski	Reg. No. 49,010

*each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.*

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: B. Noël Kivlin  
CONLEY, ROSE & TAYON, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 476-1400

Assignee of Interest: SUN MICROSYSTEMS, INC.  
M/S PAL 01-521  
901 San Antonio Road  
Palo Alto, CA 94303

Dated: December 10, 2001

By: 

Name: Kenneth Olsen

Reg. No.: 26,493

Title: Vice President, Intellectual Property



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 06, 2001

CONLEY, ROSE & TAYON, P.C.  
B. NOEL KIVLIN  
P.O. BOX 398  
AUSTIN, TX 78767-0398



\*101835432A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/24/2001

REEL/FRAME: 012130/0475  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JONES, RHOD J.

DOC DATE: 01/08/2001

ASSIGNOR:

KING, JAMES E.

DOC DATE: 01/08/2001

ASSIGNOR:

SUN MICROSYSTEMS LIMITED

DOC DATE: 01/08/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC.  
901 SAN ANTONIO ROAD  
PALO ALTO, CALIFORNIA 94303

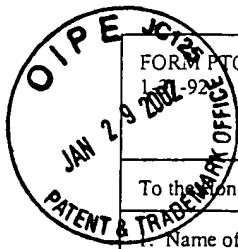
SERIAL NUMBER: 09939117  
PATENT NUMBER:

FILING DATE: 08/24/2001  
ISSUE DATE:

NOV 13 2001

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

09-07-2001



FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE

RECC



101835432

PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Rhod J. Jones  
 James E. King  
 Sun Microsystems Limited

824-0

Additional name(s) of conveying party(ies) attached?  Yes  No

## 2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached?  Yes  No

## 3. Nature of Conveyance:

Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_

Execution Date: January 8, 2001



## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is:

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: B. Noel Kivlin

Internal Address: Conley, Rose &amp; Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

## 6. Total number of applications &amp; patents involved: 1

## 7. Total fee (37 CFR 3.41): \$ 40.00

 Fee Authorization Form Enclosed Authorized to be charged to deposit account8. Deposit account number: 501505/5681-03200/BNK  
 (Attach a duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

B. Noel Kivlin

Name of Person Signing  
 Reg. No. 33,929

Signature

8-24-01

Date

Total number of pages: 30

OMB No. 0651-011 (exp. 4/94)

09/07/2001 LMUELLER 00000035 501505 09939117

01 FC:581

40.00 CH

ACKNOWLEDGEMENT by an Employee of the Right to apply for a Patent and AN ASSIGNMENT to have effect on the EIGHTH DAY OF JANUARY 2001 BETWEEN

RHOD J JONES, of UNITED KINGDOM nationality, of 41 LUPIN RIDE, CROWTHORNE BERKSHIRE, RG45 6US, UNITED KINGDOM (hereinafter referred to as "Inventor") of the first part;

JAMES E KING, of UNITED KINGDOM nationality, of 75A WATERLOO ROAD, WOKINGHAM BERKSHIRE, RG40 2JE, UNITED KINGDOM (hereinafter referred to as "Inventor") of the second part;

SUN MICROSYSTEMS LIMITED, a UNITED KINGDOM company, having a place of business at BAGSHOT MANOR, GREEN LANE, BAGSHOT, SURREY, GU19 5NL, UNITED KINGDOM (hereinafter referred to as "Employer Company") of the third part; AND

SUN MICROSYSTEMS, INC., a corporation of Delaware, United States of America, having a place of business 901 SAN ANTONIO ROAD, PALO ALTO CALIFORNIA 94303, UNITED STATES OF AMERICA (hereinafter referred to as "Parent Company") of the fourth part.

WHEREAS:-

- (A) Each Inventor claims to have made with his/her co-inventor(s) the Invention described in the Schedule (hereinafter referred to as "the Invention");
- (B) The Invention has been made by each Inventor during the period of his/her employment with the Employer Company and in the course of his/her normal duties with the Employer Company and by virtue of the terms of his/her employment with the Employer Company, the Invention is to be taken as between the Employer Company and the Inventor to belong to the Employer Company;
- (C) The Employer Company agrees to assign the Invention and the right to apply for a patent or patents relating to the said Invention to the Parent Company together with all rights title and beneficial interest in and arising therefrom.

NOW THIS AGREEMENT WITNESSES as follows:-

1. Each Inventor HEREBY ACKNOWLEDGES that the Invention and all rights therein including the right to apply for a patent or patents relating to the Invention belongs to the Employer Company, and in consideration thereof and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in the Employer Company of:

(a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights title and interest which the Inventor may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and  
(b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.

2. In pursuance of the agreement referred to in Recital (C) and IN CONSIDERATION of the sum of FIVE US DOLLARS, receipt of which is hereby confirmed, the Employer Company hereby assigns to the Parent Company all its rights in the Invention including the right to apply for a patent or patents and to exploit the Invention or any patent or other protection obtained in respect thereof TO HOLD the same unto the Parent Company absolutely.

3. Each Inventor hereby undertakes to the Parent Company that he/she will at the expense of the Parent Company execute all documents and do all such acts and things as the Parent Company may in its absolute discretion consider necessary or desirable to enable Letters Patent or any form of protection to be issued in respect of the Invention in any part or parts of the world and to vest the same in the name of the Parent Company or its nominee free from all encumbrances and to enable or to assist the Parent Company or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.

4. Each Inventor hereby warrants to the Employer Company and to the Parent Company:

- that he/she has not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- that he/she has not disclosed and will not disclose the Invention to any person firm or company other than the Employer Company or the Parent Company except as directed by the Employer Company or the Parent Company;
- that he/she will give to the Employer Company or the Parent Company all information in his/her possession or in his/her power relating to the Invention and the method of employing or using the same as the Employer Company or the Parent Company shall require;
- that he/she knows of no reason why a valid patent or valid patents relating to the Invention should not be granted either to himself/herself or to his/her successors in title.

IN WITNESS thereof the parties have duly executed this document to have effect the day and year first above written

SCHEDULE

The invention is as described in the draft specification entitled **SERVICE PROCESSOR AND SYSTEM AND METHOD USING A SERVICE PROCESSOR**" (SUN REF: P5732).

SIGNED by the Inventor:



RHOD J JONES

Witness

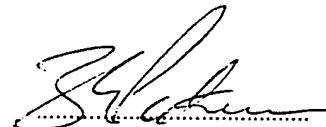


COLIN GLASS

Witness



JAMES E KING



Jerry Pittman  
Witness

SIGNED for and on behalf of  
SUN MICROSYSTEMS LIMITED:



MARK CURTIS  
SOLICITOR AND COMPANY SECRETARY  
SUN MICROSYSTEMS LIMITED



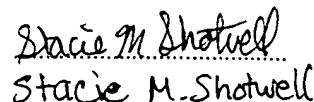
M C B Butler

Witness

SIGNED for and on behalf of  
SUN MICROSYSTEMS, INC:



KENNETH OLSEN  
VICE PRESIDENT INTELLECTUAL PROPERTY  
SUN MICROSYSTEMS, INC



Stacie M. Shotwell

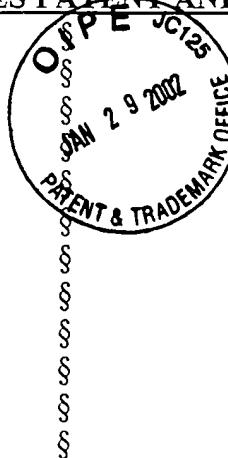
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Dkt. No: 5681-03200

Inventor(s):

Rhod J. Jones and James E. King

Title: SERVICE PROCESSOR AND  
SERVICE AND METHOD  
USING A SERVICE  
PROCESSOR

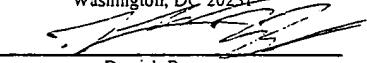


CERTIFICATE OF EXPRESS MAIL  
UNDER 37 C.F.R. §1.10

"Express Mail" mailing label number: EL893866993US  
DATE OF DEPOSIT: 8/24/01

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United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 C.F.R. §1.10 on the date indicated  
above and is addressed to:

Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

  
Derrick Brown

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FEB 04 2002

Technology Center 2100

FEE AUTHORIZATION

Commissioner for Patents  
Washington, D.C. 20231

The Commissioner is hereby authorized to charge the following fee to Conley,  
Rose & Tayon, P.C. Deposit Account Number 501505/5681-03200/BNK:

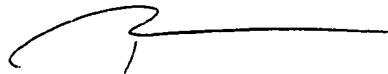
Fee: Assignment

Amount: \$40.00

Attorney Docket No.: 5681-03200

The Commissioner is also authorized to charge any extension fee or other fees  
which may be necessary to the same account number. If the abovementioned account is  
found to have insufficient funds, the Commissioner is authorized to charge Conley, Rose  
& Tayon, P.C. Deposit Account Number 501623/5681-03200/BNK.

Respectfully submitted,



B. Noël Kivlin  
Reg. No. 33,929  
Attorney for Applicants

Conley, Rose & Tayon, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
Ph: (512) 476-1400  
Date: 8-24-01

1000 U.S. PT  
1099/939117

08/24/01  
Barcode